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(54) **AXIAL FAN MOTOR STRUCTURE**

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(57) Abstract:

PURPOSE: To improve assembling property while facilitating the exchange, correction and regulation of a circuit substrate by mounting a bearing section and motor section for supporting a fan from one direction of a housing to mount the circuit substrate from the other direction of housing.

CONSTITUTION: A yoke 2, magnet 3 and shaft 4 are insert molded into a fan 1 which is rotatably supported on a bearing section by a shaft 4 inserted in the fan 1. The bearing section is provided in the inside a sleeve 5 with a ball bearing 6 and oil-less metal and in the outside with a winding 8 and a core 9 for holding said winding respectively. These members are incorporated from one direction of a housing 12, and a circuit substrate 10 mounting electronic parts 20 is incorporated from the other direction of housing 12 to fix to the housing 12 with screws 11. The conductor 15 of winding 8 is introduced through a round hole 16 in the housing 12 to be connected to the circuit substrate 10.

